

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/AU03/00802

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
Int. Cl. <sup>7</sup> : G01V 3/14; G01R 33/20		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WPAT: NQR, nuclear quadrupole resonance and similar terms. USPTO: NQR, nuclear quadrupole resonance and similar terms.		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99/45408 A1 (BTG INTERNATIONAL LIMITED) 10 September 1999 Page 3 line 5-Page 17 line 5	1-34
A	WO 96/30913 A2 (QUANTUM MAGNETICS, INC.) 3 October 1996 Page 5 line 4-Page 23 line 20	1-34
A	US 5365171 A (BUESS et al.) 15 November 1994 Col. 2 line 58-Col. 10 line 19	1-34
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&amp;" document member of the same patent family</p>		
Date of the actual completion of the international search 4 August 2003		Date of mailing of the international search report 11 AUG 2003
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929		Authorized officer  JUZER KHANBHAI Telephone No : (02) 6283 2176

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2254923 A (BRITISH TECHNOLOGY GROUP LTD.) 21 October 1992 Page 11 line 16-Page 17 line 16	1-34

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/00802

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
WO 9945408	AU 32674/99	EP 1060403	US 6486838		
WO 9630913	AU 66737/96	CA 2214742	EP 813685		
	IL 117388	US 5592083	US 6194898		
US 5365171	CA 2150459	EP 671014	EP 1132752		
	WO 9412891				
GB 2254923	EP 578685	EP 578686	EP 928973		
	FI 934328	GB 2255830	GB 2289344		
	IL 101434	IL 101421	IL 118774		
	US 5457385	US 5583437	WO 9217793		
	WO 9217794				
END OF ANNEX					